

TOTH, Geza, dr.; SIMON, Tibor

Measuring and comparing the material consumption of manual and mechanical paint spraying. For cipo 14 no.4:99-102 J1 104.

1. Pecs Factory Unit of the Leather Industry Enterprise.

TOTH, Geza, a kemiai tudományok doktora; ORKENYI, Janos, dr.

Tensile strength studies in leather fibers by acoustic investigations. Bor cipo 10 no.1:1-4 Ja '60.

1. Pesci Borgyar.

TOTH, Geza, a kemiai tudományok doktora.; ORKENYI, Janos, Dr.

Study of the rupture of leather fibers by acoustical tests. Bor
cipo 10 no.1:1-4 Ja '60.

1. Pecsí Borgyár (for Toth).

KERPAN, Istvan; TOTH, Geza

The effect of atmospheric humidity on the capacity of polystyrol
condensers. Hir techn 13 no.5:186-190 0 '62.

1. Beloiannis Hiradastechnikai Gyar, Kondenzator Laboratorium.

TOTH, Geza

Examination of iodine adsorption on platinum surface by ^{131}I
tracer. Koz fiz kozl MTA 10 no.2:101-112 '62.

HUNGARY

FALVI, Irma, Dr; TOTH, Gera, OSÁNY, László, AFRA, Pongor, Dr, ZOLTAN, László, Dr; Budapest Medical University, Institute of Histology and Development (Budapesti Orvostudományi Egyetem Szövet- és Fejlődéstan Intézete) (director: TÓRÓ, Imre, Dr, academician), National Neurosurgical Scientific Institute (Országos Idegsebészeti Tudományos Intézet) (director: ZOLTAN, László, Dr).

"Behavior of Gliomas in Tissue Culture III. Effect of X-Rays on the Phosphorus Metabolism of Glioma Cultures."

Budapest, Ismerővesszati Szemle, Vol XIV, No 3, Mar 63, pages 93-96.

Abstract: [Authors' Hungarian summary] Phosphate metabolic tests were carried out on glioma tissue cultures 6 and 22 hours after single irradiation of the tissue with 6000 r. The irradiated cultures showed elevated activity in acid-soluble phosphorus fractions than did the controls. The activity of the lipid and DNA (deoxyribonucleic acid) fractions, on the other hand, was lower than that of the controls. Normal tissues show no consequent changes in their phosphorus metabolism after irradiation with single large doses of X-rays. 7 Hungarian, 18 Western references.

1/1

TOTH, Geza, a kemiai tudományok doktora

Wear resistance of sole leathers manufactured by various technological processes. Bor cipo 12 no.5/6:146-150 0 '62.

1. Pecsí Borgyár.

TOTH, Geza, a kemiai tudományok doktora

Newer investigations in connection with the fibrous structure of leather. Bor cipo 12 no.1:1-6 Ja '62.

1. Pecsí Borgyár.

(Leather) (Collagen)

TOTH, Geza, a kemiai tudományok doktora (Pecs); ELTER, Jozsef (Pecs)

Influence of the production temperature on the tensile strength of leather. Bor cipo 11 no.6:175-176 N '61.

1. Pecsí Borgyar.

TOTH, GEZA

SURNAME (in caps); Given Names

Country: Hungary

Academic Degrees:

Affiliation: Institute of Histology and Embryology of the Medical
University of Budapest (A Budapesti Orvostudományi
Egyetem Szöveti és Fejlődési Intézete);
Director (Igazgató): Imre TORO, Dr, Professor, Academician

Source: Budapest, Biológiai Közlemények, Vol IX, No 1, 1961, pp 55-62
Data: "Cytological Investigations of Food Ingestion and Digestion
of a Histophagous Ciliate (Tetrahymena Corlissi)."

Authors:

MULLER, Miklos, Dr

TORO, Imre, Dr

RCHLICH, Pal, Dr

TOTH, Jozsef

TOTH, Geza

FEHER, Istvan, dr., Kossuth-díjas; WEITZNER, Peter; SOMLO, Istvan; HAY, Jozsef;
ERDI, Pal, dr.; KOVACS, Gabor; ARVAI, Bela; TOTI, Geza, dr.; DOMBOS,
Laszlo

The 1964 general meeting arranged by the Scientific Association of
the Leather Industry. bor tipo 14 no.4:97-99 J1 '64.

1. Director, Research Institute of the Leather Industry; Editor-in-
Chief, "Bor- es Cipotechnika" (for Feher). 2. Secretary General,
Scientific Association of the Leather Industry (for Weitzner). 3.
Minister of Light Industry, Budapest (for Hay). 4. Editorial board
member, "Bor- es Cipotechnika" (for Erdi). 5. Szombathely Shoe Factory
(for Kovacs and Arvai). 6. Leather Industry Enterprise (for Toti). 7.
Tisza Shoe Factory (for Dombos).

TOTH, GEZA

MULLER, Miklos, dr. (Budapest, IX. Tuzolto u.58.); TORO, Imre, dr., egyet.
tanar, akadémikus, igazgató (Budapest, IX. Tuzolto u.58.); ROCHLICH, Pal,
dr. (Budapest, IX Tuzolto u.58.); TOTH, Jozsef (Budapest, IX. Tuzolto
u.58.); TOTH, Geza (Budapest, IX. Tuzolto u.58)

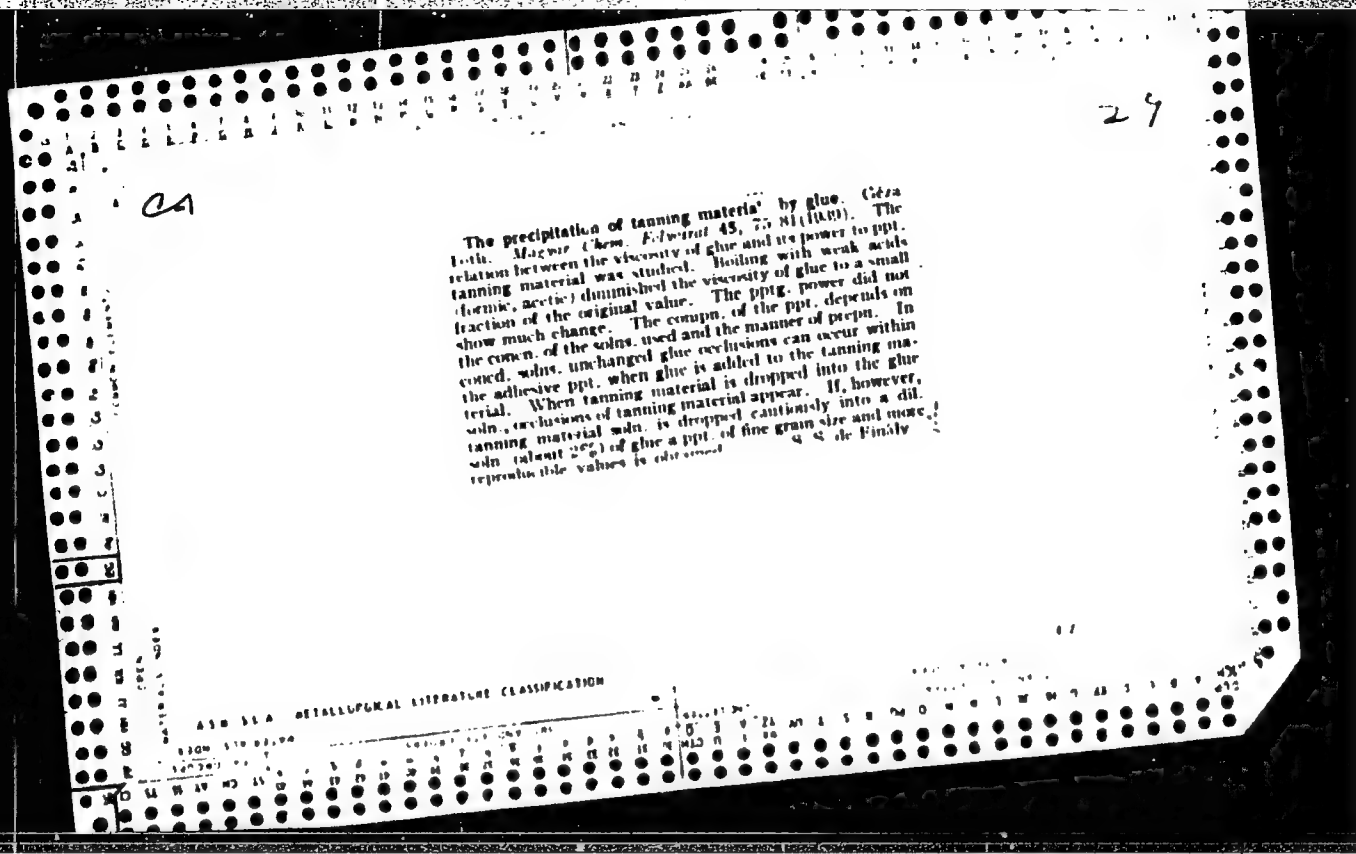
Cytological investigations of the patulum and digestion of a Tetra-
hyzma corlissi. Biol kozl 9 no.1:55-62 '61.

1. Budapesti Orvostudományi Egyetem Szovetani es Fajlodevani
Intezete. 2. Magyar Tudományos Akademia (for Toro).

GYEVAI, Angela; TOTH, Geza; CSAKY, Laszlo

P32 in the study on heart metabolism in rats receiving corhomon and isolanid. Kiserl. orvostud. 14 no.1:68-73 Mr '62.

1. MTA KOKI Morphologiai Osztalya es Orvostudomanyi Egyetem Szovet-es Fejlodestani Intezete, Budapest.
(MYOCARDIUM metab) (PHOSPHORUS radioactive)
(HEART extract) (DIGITALIS pharmacol)



CA

Investigations on the separation of some enzymes of emulsin by means of chromatography. *Chem. Ber. Magy. Chem. Folyóirat* 45, 1111 (1912). A 1% soln. of emulsin (Merck) was led through a 5-cm. layer of bauxite. This layer retained 70% of β -glucosidase. The filtrate contained 3% of β -glucosidase, 10% of α -galactosidase and 90% of chitinase. A second, 4-cm. layer of bauxite was used for chromatography to retain 75% of α -galactosidase. The filtrate contained practically no β -glucosidase nor β -galactosidase and consisted chiefly of chitinase. The adsorbed enzymes could always be easily dissolved by dil. ammonia. The bauxite used was commercial ore finely powdered, and mixed with 30% quartz sand to increase its permeability. S. S. de Fényi

EA

21

The manufacture of synthetic tanning agents. *Chem.*
Toth, Magor Kém. Lapja 5, 231 (1959) A detailed
summary with 16 references. István Fényi

Recovery of chromium from waste tanning liquors
 Otsuka, Tokuhiko. *Ilung* 120,220, Nov. 15, 1947. Cr salts
 are pptd. by treatment of tanning liquors at 60-70°C with
 0.5-1.0% of the theoretically calcd. amt. of CaO or MgO.
 The filtered ppt. is treated with 50-60% of the theoretically
 calcd. amt. of H₂SO₄, or a part of the H₂SO₄ may be re-
 placed by malic, formic, or tartaric acids. I. P.

ASB-554 METALLURGICAL LITERATURE CLASSIFICATION

The basicity of chromium tanning liquids. *Chem. Tech.* and *Ind. Tech.* (First Leather Factory, PKG., Himgy., Magyar Kém. Lapja 4, 714-16(1949)).--The method of Szasny (C.A. 25, 2325) appeared to be unsuitable for detg. the basicity of Cr tanning baths in the presence of NH₄ salts, since the titration value of such baths with phenolphthalein gives no reliable information of the tanning effects. The following method was worked out: 100 ml. freshly boiled and isometric titration. To 300 ml. freshly boiled water in a 1 l. Erlenmeyer flask add 3 ml. of a 1 to 4 mixt. 0.04% FeCl₃ soln. of brom-cresol purple and 0.04% FeCl₃ soln. of brom-thymol blue, and 10 ml. of the aq. soln. of chromium ammonium alum. Titrate hot with 0.1 N NaOH until the color of the green ppt. turns to blue gray; boil again and titrate until the liquid above the ppt. is a definite blue. Basicity = $100(a - b)/a$, where a is Cr, and b the result of the acid titration. Tanning expts. proved that hide powder absorbs less Cr₂O₃ than amt. of Na₂CO₃ chromium alum in the presence of an identical amt. of Na₂CO₃ than from potassium chromium alum. The absorption of Cr₂O₃ can be increased to a similar level by adding 15% more Na₂CO₃.

OSZLACZKY, Szilard, dr.; TOTH, Geza

Observing the gravitational effect of the sun and the moon in
Hungary. Geofiz kozl 13 no.1:39-48 '64.

1. Editorial Board Member, "Geofizikai Kozlemenyek" (for Oszlaczky).

TOTH, Geza, a kemiai tudományok doktora; ELTER, Jozsef

Influence of processing temperature on the tensile strength
of leather. Bor cipo III no.6:175-176 N '61.

1. Pécsi Bányagar.

FARKAS, Tibor (Tihany, Biologia, Hungary); HERODEK, Sandor (Tigany, Biologia, Hungary); CSAKI, Laszlo (Budapest IX, Tuzolto u.58, Hungary); TOTH, Geza (Budapest IX, Tuzolto u.58, Hungary)

Incorporation of acetate $-1-^{14}C$ into the liver fatty acids in the fish *Amiurus nebulosus*. *Acta biol Hung* 12 no. 1:83-86 '61.

1. Biological Research Institute of the Hungarian Academy of Science, Tihany (Head: E. Woynarovich). Department of Histology and Embriology, Medical University, Budapest (Head: I. Toro).

TOTH, Geza, a kemiai tudományok doktora

Correlation between the histological structure of leather
and production technologies. Bor cipo 14 no. 1: 5-9 Ja '64.

1. Boripari Vallalat.

TOTH, Goza, a kemiai tudományok doktora

Gold resistance of the finish of chrome upper leather. Ber
cipo 15 no.2:33-35 Mr '65.

1. Leather Industry Enterprise.

TOTH, Geza, a kemiai tudományok doktora; ELTER, Jozsef

Data on the warming up of leathers. Bor cipo 10 no.6:167-170
N '60.

1. Pecsí Borgyár.

TOTH, Geza, a kemiai tudományok doktora

The structure and synthetic production of collagen fibers.
Pecsi musz szeml 9 no.4:1-10 Q-D '64.

1. Pecs Shoe Factory, Pecs, Editorial board member, "Pecsi
Muszaki Szemle."

TOTH, Geza, a kémiai tudományok doktora; ELTER, Jozsef

Effect of production temperature on the tensile strength
of leather. Bor cipo 15 no.1:6-8 Ja '65.

1. Pecs Factory Unit of the Leather Industry Enterprise.

TOTH, Geza, a kemiai tudományok doktora

Correlations among the strength characteristics of various
leathers. Bor cipo 11 no.5:129-132 S '61.

1. Pecsí Borgyár.

L 27439-66

ACC NR: AP6001960

SOURCE CODE: HU/0018/65/017/001/0088/0092

AUTHOR: Harsing, Laszlo--Kharshing, L.; Kover, Gyorgy--Kever, D.; Malyusz, Miklos--
Mayus, M.; Toth, G. 21

ORG: Institute of Physiology, Medical University of Budapest, Budapest
(Orvostudományi Egyetem Elektani Intézet) B

TITLE: Function of the isolated kidney

SOURCE: Kiserletes Orvostudomány, v. 17, no. 1, 1965, 88-92

TOPIC TAGS: urology, biochemistry, excretion, blood, hematology, internal medicine

ABSTRACT: In the isolated kidney, renal resistance was found to be higher, diuresis, PAH and creatinine clearances as well as Na excretion lower than in the in situ kidneys used as controls. The hemodynamic changes can be explained by the increase in preglomerular resistance. The lesser water and Na excretion is presumably related to a decrease in glomerular filtration. Orig. art. has: 8 formulas and 2 tables. [JPRS]

SUB CODE: C6 / SUBM DATE: 12May64 / OTH REF: 014

Card 1/1

TOTH, Gyorgy

Radio reception without a transmitter. Ujit lap 15 no.13:12
10 JI '63.

TOTH, Gyorgy, dr.; VIRAG, Istvan, dr.; LUX, Erno, dr.; ROLAI, Ferenc, dr.

bone marrow disease in an infant caused by antiepileptic treatment (Sacerno) of the mother during pregnancy. Orv. hetil. 106 no.22:1029-1030 30 Hy'65.

1. Szegedi Orvostudományi Egyetem, Gyermekklinika.

HUNGARY

SZORADY, Istvan, TOTH, Gyorgy, GAZDAG, Istvan; Medical University, Pediatric Clinic and X-Ray Clinic (Orvostudományi Egyetem Gyermekklinika-ja és Röntgenklinikája), Szeged.

"Observations Concerning the Protective Action of Pantothenic Acid Against Radiation."

Budapest, Kiserletes Orvostudomány, Vol 15, No 2, Apr 63, pp 134-136.

Abstract: [Authors' Hungarian summary] Preliminary tests indicate that the life-span of mice exposed to whole body X-ray irradiation may be lengthened by a prior treatment with pantothenic acid. It may be assumed that the mechanism of the protective action is dependent on the effect of pantothenic acid on the protection of the epithelium and the capillary walls, and its activating role in tissue regeneration, protein synthesis, antibody production and corticoid synthesis, and also its general anti-allergic properties. Details of the protective action must be worked out by further study. Of 37 references, 8 are Eastern European, the rest is Western.

1/1

HUNGARY

TOTH, Gyorgy, Dr, VIRAG, Istvan, Dr; Medical University of Szeged, Pediatric Clinic (director: BODA, Domokos, Dr) (Szegedi Orvostudományi Egyetem, Gyermekklinika).

"The Technique of Exchange Transfusion. Description of a New Apparatus."

Budapest, Orvosi Hetilap, Vol 107, No 17, 24 Apr 66, pages 793-794.

Abstract: [Authors' Hungarian summary] A survey of various methods of exchange transfusion is followed by the description of the apparatus used by the authors. It has a few new features such as a special stopcock, the use of paired syringes and a new method of heparinization. It is suited for the simple and safe performance of the exchange transfusion in a closed system. 4 Hungarian, 22 Western references.

1/1

- 18 -

SZABO, Lajos, dr.; TOTH, Gyorgy, dr.; MOLNAR, Lajos, dr.

On phenylketonuria (data on the incidence in Hungary and therapy).
Orv. hetil. 102 no.29:1361-1366 16 J1 '61.

1. Szegedi Orvostudományi Egyetem, Gyermekklinika és a Szegedi Állami
Egészségügyi Gyermekotthon.

(PHENILPYRUVIC OLIGOPHRENIA)

SZORADY, Istvan, dr.; TOTH, Gyorgy, dr.; TAKACS, Odon, dr.

Glutarimide therapy of asphyxia neonatorum. Orv.hetil. 101 no.52:
1850-1853 25 D'60.

1. Szegedi Orvostudományi Egyetem, Gyermekklinika és Eletani
Intezet.

(ASPHYXIA NEONATORUM ther)
(ANALEPTIC ther)

SZORADY, Istvan; TOTH, György; GAZDAG, Istvan

Observations on the radio protective effect of pantothenic acid.
Kiserl. orvostud. 15 no.2:134-136 Ap '63.

1. Szegedi Orvostudományi Egyetem Gyermekgyógyászati és Röntgenklinikája.
(PANTOTHENIC ACID) (RADIATION-PROTECTIVE AGENTS)

TOTH, Gyorgy; HEGEDUS, Gyula

Implementing the Party decision on the development of machine industry at the Telecommunications Machine Factory. Munka 12 no.12:12-13 D '62.

1. Híradastechnikai Gépgyár igazgatója (for Toth).
2. Híradastechnikai Gépgyár szakszervezeti bizottsági titkara (for Hegedus).

TOTH, GY.

Science

"A MAGYAR TUDOMANYOS AKADEMIA KOZPONTI FIZIKAI KUTATO INTEZETENEK KOZLEMEI"

Separation of Th, Zr, and Nb from sulfate media by anion exchange. p. 66

Vol. 6, No. 1/2, Jan./April 1958

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 4, April 1959
Unclas.

Distr: 4E2c

19. Separation of ²¹Th, Zr and Nb From Sulphate Media by Anion Exchange.²¹ 5
F. Molnár, Gy. Tóth. A Magyar Tudományos Akadémia Központi Fizikai Kutató
Intézetének Közleményei (Proceedings of the Central Research Institute for Physics
of the Hungarian Academy of Sciences), Vol. 6, 1958, No. 1-2, pp. 66-70, 2 tabs.

The anion exchange adsorption rate of Th, Zr and Nb was studied from sulphate solutions. For the experiments a Hungarian-made quaternary amine type of resin (Mykion PA) was used. It was established that the differences between the distribution ratios of Th, Zr and Nb render possible the separation of these elements from sulphate solutions by means of ion exchange, the separations were carried out on the basis of the above studies on distribution.

(retyped clipped abstract)

db

Card 1/1

mc

gi

HUNGARY / Analytical Chemistry. Inorganic Analysis.

E

Abs Jour : Ref Zhur - Khimiya, No 23, 1959, No. 81904

Author : Molnar, F.; Toth, Gy.

Inst : Not given

Title : Anion Exchange Separation of Thorium, Zirconium,
and Niobium in Sulfuric Acid Medium

Orig Pub : Acta chim. Acad. scient. hung., 1959, 19, No 1,
75-81

Abstract : See RZ Khim, No 8, 1959, No. 26997

Card 1/1

ECKERT, dr.ing.; URVOIGYI, Ferenc Konrad; TOTH, Gy. Istvan

Application of gas turbines in motor vehicles. Jarmu mezo gep
9 no.8:284-295 Ag '62.

TOTH, Gyula

New characteristics of socialist competition in the field
of chemical industry. Munka 13 no.6:18-19 Je '63.

1. Vegyipari Dolgozok Szkszervezeto kozgazdasagi osztalyanak
helyettes vezetoje.

1960, Cydon

One year's experience of the Pecs Division of the Scientific
Association of Measuring Technique and Automation. Pecal musz
szeml 7 no.2/3:49-4 of cover Ap-S '62.

1. Pecal Hoeromu.

TOTH, Gyula, muszaki eloadó

Preparing jointless tracks for forest railroads. Erdo 13
no.6:244-245 Je '64.

1. State Forestry of the Western Bukk Mountains, Eger.

TOIN, Cyula

General situation of the specialists on innovation and invention.
Ujit lap 17 no.5 13-14 16 Mr '65.

TOTH, Gyula, okl. kohomernok

Pickling with sodium hydride. Koh lap 95 no.1:46-47 Ja '62.

(Metals--Pickling) (Sodium hydride)

TOTH, I.

"Letter from the Soviet Union." p. 90. (KOZLEKEL ESTUDOMANYI SZEMLE, Vol. 3, no. 3, Mar. 1953. Budapest.)

SO: Monthly List of East European Accessions, Vol. 2, #8, Library of Congress
August, 1953, Uncl.

file 4 Vol 7

H.T.A.

676.15.031.1

61. Foliage trees as raw material for the paper and pulp industry — *A handbook, with notes on cellulose paper* — by Mrs. I. Matton and I. Toth. (Paper and Printing — *Papír- és Nyomdatechnika* — Vol. III, No. 4, pp. 1-10, May 1951, 15 tabs.)

In order to replace pine trees by foliage trees, Hungarian foliage trees were examined as to their morphological as well as chemical characteristics, and pertinent measurements were effected. The tests were carried out with shredded pulp treated with sodium hydroxide and acid calcium bisulphite with sodium bisulphite added. Comparisons of the results were based on the breaking length and on the degree of beating obtainable

within 30 minutes. It was shown that the examined substances were good substitutes for fir due to their quick growth, satisfactory cellulose content and because they can be grown rapidly. Of the various kinds of poplars the late and early budding (*Populus marilandica*, *P. serotina*) and glaucous (*P. robusta*) are the most suitable, and of the other foliage trees hornbeam (*Carpinus betulus*), plane (*Platanus orientalis*), and maple (sycamore) (*Acer pseudoplatanus*) produce the best results. Since the latter grows rapidly and is suited for the manufacture of pulp in other respects as well, its wide-spread planting in Hungary has been projected.

R

Cukoripar
THE SUGAR INDUSTRY
Vol. 111. - 1950
No. 11, Nov.

I Loh. Jaga
Introducing the movement for saving
material in the sugar industry . 19 252

ASS-5LA METALLURGICAL LITERATURE CLASSIFICATION

FROM COUNTRY
DELIST ONE ONE 101

Total.

TOCH, L.; PAFI, Sz.; LEAL, A.

"Pollution of the Water of the Tisza River", p. 334, (Official Agency,
Vol. 33, No. 9/10, Sept./Oct. 1953, Budapest, Hungary)

SC: Monthly List of East European Accessions (LEAL), IC, Vol. 4, No. 3,
March 1955, Uncl.

Toth, I.

✓ Toth, I. Mathematicians of the Middle Ages in central
Asia. Acad. R. P. Romine. An. Romino-Soviet. Ser.
Mat.-Fiz. (3) 9 (1955), no. 3, 74-83. (Romanian) 1 - F/77

TOTE, I.; LUMBER, C.

TOTE, I.; LUMBER, C. Solving the problem of hairy production: the use of the GTP
using cotton-spitting machine. No. 846.

Vol. 5, No. 10, Oct. 1956.

TECHNICAL

TECHNOLOGY

Beograd, Yugoslavia

See: East European Association, Vol. 6, No. 2, February 1957

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001756410014-2

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001756410014-2"

TOTH, I.

INvestigation of the heavilyloaded biological fillter plant o the Matrahaza
Sanatorium for Pulmonary Diseases.

P. 184 (Hidrologiai Kozlony. Hydrological Journal . Vol. 37, no. 2, 1957
Budapest, Hungary)

MONTHLY Index of East European Accessions (FFAI) LC. Vol. 7, no. 2,
February 1958

EXCERPTA MEDICA Sec.14 Vol.12/5 Radiology May 1958

- *TÓTH I.*
834. THE LACUNAR SKULL - A léckoponya - Tóth I. Máv Kórház és Központi
Rendelő Intézet, Budapest - MAG. RADIOL. 1957, 9/1 (23-25) Illus. 3
The lacunar skull is an evolutionary anomaly of the prenatal period, generally associated with meningocele, spina bifida, rachischisis and other anomalies (cleft-palate, hare lip, clubfoot). Concomitant ascending meningitis has in general a lethal outcome. Case report of a male infant of normal pregnancy and birth with dilated cranial sutures and a lumbar meningocele. The largest part of the frontal and parietal bones contained extensive unossified areas surrounded by thin osseous trabeculations. Death occurred following purulent meningitis.

Györgyi - Budapest

SZABO, G.;TOTH, I.

Antidiuretic effect of quine derivatives. *Magy. belorv. arch.* 5 no.4:
149-154 Dec 1952. (CML 25:5)

1. Doctors. 2. First Internal Clinic (Director -- Prof. Dr. Istvan
Rusznayak), Budapest Medical University.

11C

CA

PROCEEDINGS AND PROPERTIES INDEX

The action of vitamins on the electropotential of various bacteria. 1. Václav and L. Joth. (Prava Univ. (Brno)). 2. *Immunitas*. 105, 285 (1940). The action of aneurine, lactoflavin, nicotinic acid, and *p*-aminobenzoic acid on the electropotential of colon and diphtheria bacilli and staphylococci in 0.5% dextrose broth and liquid Clauberg medium was studied. The action of these vitamins on the electropotential is small. An exception is the marked increase of the reduction state produced by ascorbic acid acting on diphtheria bacilli. Small amounts of *p*-aminobenzoic acid produce a profound and lasting reduction potential corresponding to a stimulation of bacterial growth. Higher concentrations inhibit the growth of bacteria, flatten the electropotential curve, and result in the formation of atypical giant forms of the bacteria. These expts. confirm the concept of *p*-aminobenzoic acid as the growth vitamin of bacteria. I. H. L.

ASSOCIATED METALLURGICAL LITERATURE CLASSIFICATION

FROM SYNOPTIC

EDITION: 1950

REVISION: 1951

DATE: 1951

11C

FAREDIN, I.; TOTH, I.

Steroid studies on florisil adsorbent column. III. Chromatography of steroids on "Hyman" florisil column. Acta med. Acad. sci Hung. 20 no.2:185-192 '64.

Steroid studies on florisil adsorbent column. IV. Heparinized determination in human urine. Ibid. 21:1-10 '65.

1. First Department of Medicine, University Medical School, Szeged.

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001756410014-2

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001756410014-2"

1076, 1-4

Synthesis of chloramphenicol. G. Fodor, I. Tóth, F. Kovács, and J. Tóth (Univ. Szeged, Hung.). *Isvest. Akad. Nauk S.S.S.R., Otdel. Khim. Nauk* 1955, 441-61; *Bull. Acad. Sci. U.S.S.R. Div. Chem. Sci.* 1955, 391-9 (Engl. translation), cf. Fodor, *et al.*, *C.A.* 44, 7273g. — $\text{PhCH}(\text{CH}_2\text{OAc})$ (90 g.) in 450 ml. PhMe added to 400 g. NaNO_2 in 250 ml. H_2O in a dark vessel, the stirred mixt. treated 7 hrs. at 0° with 1.4 l. 20% H_2SO_4 with occasional bubbling of CO_2 to break the foam and the MePh layer filtered gave the crude product, which, washed with EtOH and $\text{EtOH-Et}_2\text{O}$, yielded 89 g. *DL-erythro-PhCH(NO)CH(NO)CH_2OAc*, m. 124° , discoloring after several weeks' storage. This (50 g.) treated with stirring in 224 ml. Ac_2O at $25-40^\circ$ over 10 min. under CO_2 with 21 g. concd. H_2SO_4 and 72 ml. Ac_2O , stirred 50 min. longer, dild. with 1 l. ice water, and kept 3-4 days in a refrigerator gave 69% *DL-threo-PhCH(OAc)CH(NO)CH_2OAc* (I), m. 72° (from EtOH). $\text{Cl-CHCO}_2\text{Me}$ in the above reaction similarly gave, after treatment of the quenched product with Na_2CO_3 and NaOAc , 46% *DL-threo-PhCH(OAc)CH(Cl)CH_2OAc* (II), m. 74° (crude), m. 82° (from EtOH). I (54 g.) in 960 ml. Me_2CO treated over 10 min. with 1.150 l. N HCl , then refluxed 3.5 hrs., concd., treated with 130 g. NaHCO_3 , extd. with Et_2O , and the ext. shaken with KHSO_5 , gave 69.5% *DL-threo-PhCH(OH)CH(NO)CH_2OH*, m. 82.5° (from Et_2O -petr. ether). Hydrogenation of I in AcOH over Pd-C at 40 atm. gave 50% *DL-threo-PhCH(OH)CH(NH_2)CH_2OAc* (III), m. $58-9^\circ$ (cf. U.S. 2,485,285, *C.A.* 45, 965a), which (1 g.), kept 24 hrs. with 5 ml. quinoline and 1.5 g. Ac_2O , gave 1.1 g. *DL-threo-PhCH(OAc)CH(NHAc)CH_2OH*, m. $79-80^\circ$. III refluxed 2 hrs. with 5% HCl gave 50% *DL-threo-PhCH(OH)CH(NH_2)CH_2OH HCl*, m. 192 (cf. U.S. 2,513,516, *C.A.* 45, 179u). I hydrogenated in

$\text{AcOH}(\text{CO}_2\text{H})$ over Pd-C at atm. pressure gave 50.5% *DL-threo-PhCH(OH)CH(NH_2)CH_2OH* *bisulfate*, m. $153-40^\circ$ (from EtOH), which yielded the free base in 82.3° . Electrolytic reduction of I in 160 ml. AcOH and 200 ml. 90% EtOH with a Hg-pool electrode and 36% HNO_3 electrolyte in a porous cup at 0.07 amp. sq. cm. and 44.5° , the catholyte being acidified with HCl , gave in 5 hrs. from 14 g. I, 2.4 g. *DL-threo-PhCH(OH)CH(NH_2)CH_2OH HCl*, m. $169-70^\circ$ (from AcOH). II similarly treated in 5% HCl at $35-7^\circ$ gave 28% Cl -free product, m. 168° . $\text{PhCH(OH)CH(NH_2)CH_2OH}$ (16.7 g.) in 100 ml. H_2O and 200 ml. EtOAc treated with stirring in 50 min. with 30 ml. 10% NaOH at 30° , with the pH kept at 8.8, the aq. phase extd. with EtOAc , the combined org. solns. evapd., and the residue treated with abs. EtOH-HCl gave 50.5% *DL-threo-PhCH(OH)CH(NH_2)CH_2OAc HCl*, m. 178° , which with K_2CO_3 gave the free base, m. 136.8° , identified as *DL-threo-PhCH(OH)CH(NHAc)CH_2OH*. $\text{Cl-CHCO}_2\text{Me}$ instead of EtOAc in the above gave 64.8% *DL-threo-PhCH(OH)CH(NH_2)CH_2OH HCl*, m. 165° . The latter (15.75 g.) treated with 45 ml. H_2O and 90 ml. EtOAc , then at 25° with 3.45 g. K_2CO_3 , stirred 5 min., and cool. with EtOAc gave 75% *DL-threo-PhCH(OH)CH(NHCOCH_3)CH_2OH* (IIIA), m. $94-5^\circ$ (from 50% EtOH), which stirred with pyridine- Ac_2O 0.5 hr. at 100° , yielded 83% *DL-threo-PhCH(OAc)CH(NHCOCH_3)CH_2OAc* (IIIB), m. 94.5° (from 60% EtOH). IIIA kept 15 min. at 70° with Ac_2O gave 72% *DL-threo-PhCH(OH)CH(NHCOCH_3)CH_2OAc* (IV), m. $100-1^\circ$ (from EtOAc -petr. ether), which with abs. $\text{PhCH(OAc)CH(NHCOCH_3)CH_2OAc HCl}$ (IVA), m. 167° (from $\text{EtOH-Et}_2\text{O}$). IV (3.2 g.) in 10 ml. dioxane kept with 5 ml. dioxane contg. 0.94 g. HNO_3 at 0° and kept several days at 0° gave 15.5% HNO_3 analog (IVB) of IVA, $\text{C}_{10}\text{H}_{13}\text{N}_2\text{O}_6$.

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AGRICULTURE

PERIODICAL: AZ ERDO. Vol. 7, no. 11, Nov. 1958

Toth, I. New observations on the "poplar cancer." p. 420.

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February 1959, Unclass.

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On experimental aortic insufficiency. Acta chir. acad. sci. hung. 3
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1. Institut für Chirurgische Anatomie und Operationslehre (Direktor:
Prof. Dr. T. Karlinger) der Medizinischen Universität, Pecs.
(AORTIC DISEASES) (HEART FUNCTION TESTS)

CSAPO, J.; NYERGES, G.; BUDAI, J.; RICHTER, P.,; TOTH, I.

Studies on the active immunization against epidemic hepatitis. II. The role of the relative amounts of virus and gamma globulin in the inocula; the effect of ethanol treatment on the virus. Acta paediat. acad. sci. hung. 3 no.2:167-172 '62.

1. Municipal Laszlo Hospital (Director: Dr. J. Roman) and "Human"
Institute for Serobacteriological Production and Research, Budapest.
(HEPATITIS VIRUS) (ALCOHOL ETHYL)
(GAMMA GLOBULIN)

JULESZ, M.; FROHLICH, M.B.; LASZLO, I.K.; TOTH, I.; SZEPESSY, G.; DAVID, M.A.

On the effects of estriols on lipid metabolism. Acta med. acad. sci. hung. 19 no.2:161-168 '63.

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(ESTRIOL) (LIPID METABOLISM) (GYNECOLOGY) (BLOOD LIPIDS)
(PHOSPHOLIPIDS) (LIPOPROTEINS) (BLOOD CHOLESTEROL)
(BLOOD PROTEIN ELECTROPHORESIS)

JULESZ, M.; FAREDIR, I.; TOTH, I.; DAVID, Margit, A.; KOVACS, K.

Studies of the urinary steroids in hirsutism and virilism.
Acta med. acad. sci. Hung. 14 no. 4: 312-324 '63.

1. First Department of Medicine, University Medical School,
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Steroid studies on floridil disorder. Column. V. Simultaneous determination of pregnanetriol and total 17-hydroxycorticosteroids in human urine. Acta med. Acad. Sci. Hung. 20 no.3:317-326 '64

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BARTOS, G.; KARMOS, V.; SZOLLOSI, L.; KUSTOS, Gy.; TOROK, B.; TOTH, I.;
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Problems of alloplastic vascular repair. II. Porosity of synthetic
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Prof. T. Karlinger), University Medical School, Pecs.

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TEMES, Gy.

Problems of alloplastic vascular repair. I. Structure of vascular
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1. Institute of Surgical Anatomy and Surgery (Director: Prof. T. Karlinger) University Medical School, Pecs. Submitted November 20, 1964.

HUNGARY

TOTH, Imre, Dr, department head, VEGH, Endre, Dr, Megye veterinary specialist; Animal Health Institute of Miskolc (director: ALDASY, Pal, Dr, cand. of vet. sci.) (Miskolci Allategeszsegugyi Intezet), and Borsod-Abauj-Zemplen Megye Council Executive Committee, Department of Agriculture (chief veterinary in charge: KARATSON, Dezso, Dr) (Borsod-Abauj-Zemplen Megyei Tanacs Vegrehajto Bizottsag, Mezogazdasagi Osztaly).

"Practical Observations Concerning the So-Called 'Wattle Disease' of Poultry."

Budapest, Magyar Allatorvosok Lapja, Vol 21, No 2, Feb 66, pages 87-89.

Abstract: [Authors' English summary modified] 'Wattle disease' was encountered often in the course of a survey of large poultry stocks, containing over 200,000 birds, during the past two years. It is stressed that the condition is not related to fowl cholera; this is emphasized especially because of the diagnostic implications. The opinion is expressed that the condition should be regarded as a symptom of some other condition associated with damage to the epithelial cells, probably fowl pox. Additional studies are needed to elucidate the etiology of the condition. No references.

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Acta. med. Acad. sci. Hung. 20 no.3:327-338 '64.

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Tóth, I.

✓ The influence of the air temperature on the metabolism of normal and thyroxine-treated rats. I. Andik, L. Nagy and I. Tóth (Med. Univ., Pecs). *Acta Physiol. Acad. Sci. Hung.* 8, 397-401 (1955) (in German). — The O_2 consumption of thyroxine-treated rats at 20° amounts almost to 160 ml./dm.³/hr., causing a hyperthermal state. A reduction of the air temp. is followed by a parallel decrease of the O_2 consumption which shows its lowest point around 12° ml. at 15° and then it again increases. Normal rats have a rise of O_2 consumption from about 65 to 115 ml./dm.³/hr. if the air temp. falls from 20° to 1° . R. Markus

DONHOFFER, S.; MESTYAN, G.; OBHINCSAY PAP, M.; PAP, T.; TOTH, I.

The mechanism of the rise in O₂-consumption in hyperthermia. Acta
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"Effects of Sodium Salts of Benzoic and Salicylic Acid, Their p-amino Derivatives and Salicylamide on the Oxygen Consumption and Body Temperature of the Rat."

Arch.Exp. Path. Pharmac. 1952 214/3(299-307)
Abst: Exc. Med. 11, Vol. 6, No. 1, p. 94

DONHOFFER, S.; MESTYAN, G.P.; OBRINGSAX, E.; PAP, T.; TOTH, I.

Acute effect of physiological thyroxin on the reactions of energy metabolism at high temperature in thyroidectomized, hypophysectomized and with methylthiouracil treated rats. Kiserletes orvostud. 4 no. 6: 405-409 Dec 1952. (CIAM 24:1)

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BALOGH, L.; DONHOFFER, S.; MESTYAN, G.; PAP, T.; TOTH, I.

The effect of environmental temperature on the O_2 -consumption and body temperature of rats under the acute action of some drugs affecting energy exchange and body temperature. Acta physiol. hung. 3 no.2:367-375 1952. (CML 24:3)

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The response of O₂-consumption of throidectomized, hypophysectomized and methylthiouracil treated rats to high environmental temperatures and the action of thyroxine thereon. Acta physiol. hung. 3 no.2:395-403 1952. (CLML 24:3)

1. Of the Institute of Patho-Physiology of Pecs University.

TIBOLDI, T.; JULESZ, M.; SZALMA, J.; KOVACS, K.; BALAZS, V.; FROMLICH, Margit;
LASZLO, Ilona; TOTH, I.

Experience with Selye's granulosa pouch technique. Acta physiol.
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1. First Department of Medicine and Department of Ophthalmology,
University Medical School, Szeged.

HUNGARY

CSAPO, Jozsef, Dr. NYERGES, Gabor, Dr. BUDAI, Jozsef, Dr. RICHTER, Peter, Dr. TOTH, Istvan, Dr; Laszlo Hospital of Budapest (Budapesti Laszlo Korhaz) and "Human" Vaccine Producing and Research Institute ("Human" Oltoanyagtermelo es Kutato Intezet).

"Active Immunization Attempts with Attenuated Viruses Against Infectious Hepatitis."

Budapest, Orvosi Hetilap, Vol 104, No 17, 28 Apr 63, pages 783-785.

Abstract: [Authors' Hungarian summary] Years of experiments were conducted to produce a vaccine for active immunization against hepatitis. The vaccine was to contain the hepatitis virus in weakened enough form so as not to produce the disease in children if administered in quantities (0.01 ml) which would be hepatitogen if native hepatitis serum were used. This was achieved when chemically weakened hepatitis virus was mixed to normal gamma globulin. Of the 122 children vaccinated, none was infected from the vaccine. Without infection, the fact that the virus was actually living could not be proven although previous experiments led to the conclusion. } Western, } Hungarian references.

1/1

Cathodoluminescence efficiency of thin microcrystalline layers. György Gergely, István Hantos, István Tóth, János Acsm, and Györgyi Pozsgay (Research Inst. Telecommunication, Budapest, Hung.). *Z. physik. Chem.* (Leipzig) 210, 11-22(1959)(in English).—The cathodoluminescence efficiency of microcryst. luminophor layers was studied spectrophotometrically. The factors affecting the efficiency are: the energy of incident cathode rays (sticking potential, voltage drop, back-scattering of electrons), and the optical properties (self-absorption) of the layers. Detailed data are listed relating to the efficiency of several silicates and sulfide type phosphors at 10 and 15 kv., 1 microamp./sq. cm. scanning electron beam conditions. The dependence of the efficiency on the voltage and c.d. of cathode rays was examd. The exptl. arrangement is described in detail. Friedrich Epstein.

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Distr: 4E3d

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Electrostatic generators with cylindrical rotors and hydrogen insulation. E1 tech cas 13 n. 4:253-255 '62.

TOTH, I.

"Some problems of cultivating a complete stand." p. 150.

AZ ERDO. (Országos Erdészeti Egyesület). Budapest, Hungary, Vol. 11,
No. 6, June 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8,
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Remarks on Ferenc Kopecky's article on growing poplar trees. p. 217.

AZ ERDO. Budapest, Hungary. Vol. 7, no. 6, June 1958.

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1. "Lazslo" Hospital for Infectious Diseases and Institute for Sero-
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(HEPATITIS INFECTION immunol)

KUSTOS, Gy., dr.; BUDNAY, Gy., dr.; TOTH, B., dr.; RAS, J., dr.;
TOTH, I., dr.; RAS, J., dr.

Multiplex myoma in dogs. Magyar allatorv lap 19 no. 5:205-210
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Dr. Tihomir Karlinger), Pecs Medical University.

FORIS, Gabriella, KERTAI, P.; mit der technischen Assistentz von TOTTH, I.

On the hyperglycemic action of pyrogenic agents. Acta med. acad. sci. Hung. 21 no.2:231-240 1965.

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Data to the prevention of dermatological disorders in
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1. A Lebreceeni Orvostudományi Egyetem Közegészségtani Intézetének
(Intézet igazgató: Jency Endre dr. egyetemi tanár) közleménye.

Country : Hungary
Category : Plant Diseases. Diseases of Forest Species.
Abs. Jour.: Ref. Zhur.-Biologiya No. 11, 1958. No.49229
Author : Tóth, László
Institute : Not given
Title : An Investigation of Poplar Canker in Hungary

Orig. Pub.: Erdő, 1957, 6, No. 7, 251-256

Abstract : No abstract

Card: 1/1

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Johann Bolyai; Leben und Werk des grossen Mathematikers. Bukarest, Technischer Verlag, 1955. 72p. (Sammelreihe der Gesellschaft zur Verbreitung von Wissenschaft und Kultur) (Janos Bolyai; the life and work of the great mathematician. In German. diags.)

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Erdő 11 no.7:327-328 J1 '62.

1. Erdogazdasagi felugyeloi csoport vezetöje, Dunaarteri
Allami Erdogazdasag, Baja.

PAP, Janos; TOTH, Imre; IGAZI, Karoly; MAYER, Ferenc; TOROK, Bela

Serum transaminase examinations after experimental coronary ligation.
Kiserl. orvostud. 14 no.6:604-607 D '62.

1. Pecsí Orvostudományi Egyetem Sebészeti Anatómiai és Műtettani
Intézete.

(ASPARTATE AMINOTRANSFERASE) (MYOCARDIAL INFARCT)
(CORONARY VESSELS)

Instruments and Equipment

HUNGARY

TOROK, Bela, ORKENYI, Janos, PAPP, Istvan, TOTH, Imre; Medical University of Pecs, Institute of Surgical Anatomy and Operation Technique (Pecsi Orvostudományi Egyetem, Sebészeti Anatómiai és Műtettani Intézet).

"Measurement of the Fibrillational Threshold by Means of a Simple Electronic Installation."

Budapest, Kiserletes Orvostudomány, Vol XIX, No 1, Jan 67, pages 71-73.

Abstract: [Authors' Hungarian summary] A method and instrument was developed by the authors for measurement of the fibrillational threshold. The supplementary electronic unit is attached to the grid of the final stage of a cardotester channel and the R wave appearing there serves as the eliciting stimulus. This in turn is used as the starting stimulus of a conventional stimulator. The fibrillational threshold can be measured with ease by means of this method. All 5 references are Western. [Manuscript received 28 Feb 66.]

HUNGARY

TEMES, Gyula, TOROK, Bela, PAP, Janos, TOTH, Imre; Medical University of Pecs, Institute of Surgical Anatomy and Operation Technique (Pecsi Orvostudományi Egyetem, Sebészeti Anatómiai és Műtettani Intézet).

"Evaluation of a Modified Coronary Obstruction Method From the Viewpoint of Experimental Cardiac-Revascularization Operations."

Budapest, Kiserletes Orvostudomány, Vol XIX, No 1, Jan 67, pages 74-78.

Abstract: [Authors' Hungarian summary] The mortality data involving acute coronary obstruction, produced with the unopened thorax method on dogs, are examined by the authors. The mortality obtained (33 per cent) is considerably lower than that in the case of acute descendent ligature in the opened thorax (52-60 per cent). Attention is called to the importance of the descendent ligature testing method from the viewpoint of evaluation of cardiac revascularization operations. 4 Eastern European, 10 Western references. [Manuscript received 28 Feb 66.]

STRAUB, F. Brune, dr., akadémikus; SOO, Rezso, dr., akadémikus; TOTO, Imre, dr.,
akadémikus; DUDICH, Endre, dr.

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1. Magyar Tudományos Akadémia Biológiai Tudományok Osztálya titkara;
"A Magyar Tudományos Akadémia Biológiai Tudományok Osztályának Köz-
leményei" szerkesztője (for Straub). 2. Magyar Tudományos Akadémia
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1. Veszpremi Megyei Tanacs Korhaz, Belosztaly.
(DIABETES MELLITUS) (OBESITY IN DIABETES)
(PREGNANCY IN DIABETES) (GLYCOSURIA)
(PREDNISOLONE) (GLUCOSE TOLERANCE TEST)

TARPATAKY, Gyorgy, okleveles mernok; TOTH, Imre, okleveles mernok (1)

Measurement of the snaking of crane tracks. Geod kart 14 no.5:364-366
'62.

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TOTH, Imre

Prevention of damages caused by wild animals to the poplars.
Erdo 12 no.2:84-86 F '63.

1. II.szakfelugyeloi csoport vezetője, Dunaarteri Állami Erdogazdaság, Baja.

RUPP, Erzsébet; TOTH, László; ZAMORI, Zoltán

Statistical evaluation of angular correlation measurements.
Köz fiz közl MTA 10 no.3:219-234, '62.

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HUNGARY

BEKKO, Gyorgy, M.D., BIBOR, Zoltan, M.D., BURGER, Tibor, M.D., FABIAN, Imre, M.D., BOROS, Tibor, M.D., CZUFKO, Geza, M.D., TOTE, Imre, M.D., PINTER, Andras, Senior Medical Student, and SARDI, Ferenc, Senior Medical Student, of the Complex Brigade at the Medical University (Orvostudományi Egyetem Komplexbrigádja) in Pecs. (Director: BEKKO, Gyorgy, M.D.).

"Clinical Findings of the Screening Tests on the Workers in the Production Collectives in Jaras Sellye - Internal Medicine and Surgical"

Budapest, Orvosi Hetilap, Vol 104, No 19, 12 May 1963, pp. 863-872.

Abstract: The incidence and distribution of various internal and surgical diseases was described. Goiters, ulcers, hernia, hypertonia, sclerosis of the arteries, pulmonar emphysema, and motor disturbances were discussed in more detail. Seven references, including 3 Hungarian and 4 Western.

1/1

TOROK, Bela; SZOLLOSSY, Laszlo; KUSTOS, Gyula; BARTOS, Gabor; TOTH, Imre;
PAP, Janos

Experimentally induced septum defects. Kiserl. orvostud. 14 no.5:
532-534 0 '62.

1. Pecsí Orvostudományi Egyetem Sebészeti Anatómiai és Műtettani
Intézete.

(HEART SEPTUM)

(HEART SURGERY)